WEST Search History

DATE: Saturday, November 15, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=JPAB,EPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR			
L8	L3 and ((begin$ or start$ or send$ or initiat$) with (status or report$ or diagnostic$ or communication))	0	L8
L7	L3 and ((begin$ or start$ or send$ or initiat$) with (report$ or diagnostic$ or communication))	0	L7
L6	L3 and (initiat$ same (report$ or diagnostic$ or communication))	0	L6
DB=EPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR			
L5	L3 and (vehicle with location)	3	L5
L4	L3 and (vehicle with location) and initiat$	0	L4
L3	L2 and (wireless with communicat$)	17	L3
L2	L1 and vehicle	32	L2
L1	wireless with diagnosti$	116	L1

END OF SEARCH HISTORY

2/3,KWIC/1   (Item 1 from file: 13)
DIALOG(R)File 13:BAMP
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1104498   Supplier Number: 01770269 (USE FORMAT 7 OR 9 FOR FULLTEXT)
 Cool Technology
(Members of the temperature control supply chain look to technology to
   support good, solid operations)
Article Author(s): McGovern, J Michael
Transportation & Distribution, v 39, n 12, p 25-26,28
December 1998
DOCUMENT TYPE: Journal ISSN: 0895-8548 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1631

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...a refrigeration technology with a microprocessor controlling the
environment inside the unit. It also possesses diagnostic capabilities to
 test and make sure everything runs smoothly. The diagnostic concept is
similar to taking your car in for a check-up before a long trip. Before a
hauler loads product in manufacturer of wireless digital communication
technologies, to allow greater visibility of temperature data during
transport. Thermo King can install what...

2/3,KWIC/2   (Item 1 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)
(c) 2003 The Gale Group. All rts. reserv.

01050920   Supplier Number: 39474228
 MILTECH NEWS: ANOTHER SALE FOR CLAYMORE
Military Technology, v9, n2, p94
Feb, 1985
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...area communications system. The Claymore's modular components can fit
into a Land Rover-size vehicle .
PRODUCT NAMES: 3662120   (Radio Equipment NEC); 3662111   (Point-to-Point
   Complete Systems); 3661267   (Network Diagnostic / Test Equipment)
NAICS CODES: 33422   (Radio and Television Broadcasting and Wireless
   Communications Equipment Manufacturing); 3342 (Communications Equipment
   Manufacturing); 33421 (Telephone Apparatus Manufacturing)

2/3,KWIC/3   (Item 1 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries
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09009025

Defense Research Sciences

      Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY2020
     Service: ARMY
  Pub. Date: APRIL 19, 1999
     Source: Forecast International/DMS
   Language: English
 Word Count: 22163

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS2020

...conducts research
in support of advanced military engine technology with emphasis on
advanced propulsion, sophisticated vehicle dynamics and simulation,
and advanced track and suspension concepts. Advanced propulsion
research will dramatically improve...
...unique, state-
of-the-art phenomena in specific areas such as: 1) non-linear ground
vehicle control algorithms, using off-road terrain characteristics;
and 2) instantaneous diesel engine low friction/cold...

...analytical and experimental procedures.
The subject efforts offer an opportunity to produce quantum Army
ground vehicle performance enhancements through the use of optimized
parameterization procedures.

FY 1998 Accomplishments:

- 446 - Formulated state-of- the-art non-linear vehicle dynamics
insights.
- Established vehicle /human control algorithms for military systems
performance enhancements.
- Validated fundamental power train component models for unique ground
vehicles.

Total 446

FY 1999 Planned Program:
- 460 - Validate state-of-the-art vehicle dynamics phenomena.
- Optimize vehicle /human control models for off-road scenarios.
- Optimize fundamental power train characteristic phenomena using
advanced...

...algorithms.
- Derive militarily relevant system powertrain sensitivities.

- 224 - Enhance state-of-the-art, real-time vehicle dynamics
understanding.

Total 474

FY 2001 Planned Program:

- 240 - Fundamentally improve unique propulsion combustion/fuel
injection modeling capability.

- 246 - Use high fidelity non-linear validation techniques to examine
military vehicle response.

Total 486
COST ($ In Thousands)
Project Number and Name
FY1998 FY1999 FY2000 FY2001 FY2002...propellants in propulsion systems.
- Develop advanced computational models, smart munitions aerodynamic
prediction capabilities, and flight vehicle control element design
tools to reduce design cycle time and cost of advanced munitions.
- Incorporate...

...provide 3-D modeling capability for the design
of FGMs that will enable lightweight AAN vehicle concepts.

Total 4131

COST ($ In Thousands)
Project Number and Name
FY1998 FY1999 FY2000 FY2001 FY2002...of importance for Army
systems. These include applications for Army optical control of
microwaves, tactical wireless   communications , and optical signal
processing. From a logistical point of view it is important that the...

...research will address the areas of
information warfare survivability and the related signal processing
for wireless battlefield communications along with intelligent
systems for C4I. The information warfare and signal processing
research will develop...

...technology.
- The work on two-phase fluid mixing of sloshing fluids and their
effect on vehicle stability was expanded to include collaboration with
researchers at TARDEC.
- Developed an efficient fully parallelized...in bandwidth and power
efficient modulation and doding to increase bit- rate throughput for
tactical wireless   communications .
- Advance research in stochastic geometry to solve military problems
related to the study of aerodynamics...tools for improved
helicopter structures and dynamic response. This structures-focused
technology includes reductions in vehicle vibratory loads, improved
 vehicle stability, advanced fatigue methodologies for metallic
structures, improved composites technology throughout the vehicle , and
long-term development of an integrated stress-strength-inspection
technology. These technologies will extend...to HEV.

- 223 Identified and characterized multiple antigens of Orientia
tsutsugamushi for potential use in diagnostic tests for drug-resistant
scrub typhus.

Identified multiple primers for cloning genes of O. tsutsugamushi,
potentially...

...use in strategies for prevention of malaria
transmission. Identified PCR primers for potential use in diagnostic
 tests of rickettsial diseases, especially scrub typhus. Devised
species differentiating DNA markers in mosquito vectors that...to support a
hand-held system for far-
forward diagnosis of infectious diseases. Devise rapid diagnostic
 tests for far-forward diagnosis of enteric pathogens directly from
stool specimens.

- 808 Identify and characterize...non- linear, hysteretic response
of deformable soils to transient loadings resulting from high-speed
curvilinear vehicle maneuver. These technologies provide the basis for
applied research to provide: analytical capabilities for mobility...

...predicting the durability and dynamic behavior
of pavement materials.
- Exploited aggregate soil theory to model vehicle plowing
performance; conducted experiments in Army centrifuge to collect
patterns of soil response to wheel...

     2/3,KWIC/4   (Item 2 from file: 388)

09008220

Defense Research Sciences

...conducts
research in support of advanced military engine technology with
emphasis on advanced propulsion, sophisticated vehicle dynamics and
simulation, and advanced track and suspension concepts. Advanced
propulsion research will dramatically improve...
...unique, state-of-the-art phenomena in specific areas such
as: 1) non-linear ground vehicle control algorithms, using off-road
terrain characteristics; and 2) instantaneous diesel engine low
friction/cold...

...analytical and
experimental procedures. The subject efforts offer an opportunity to
produce quantum Army ground vehicle performance enhancements through
the use of optimized parameterization procedures.

FY 1997 Accomplishments:
-     428   -Validated symbolic numerical algorithms within
real-time vehicle dynamic scenarios.
         -Enhanced numerical computational efficiencies of
simulative models describing vehicle /human interfaces.
         -Demonstrated control algorithms for autonomous neural
networks in support of vehicle accident avoidance.
         -Optimized and validated fundamental simulative models
for unique ground vehicle powertrain component combinations.
Total 428

FY 1998 Planned Program:
- 449 - Formulate state-of-the-art non-linear vehicle dynamics
insights.
         - Establish vehicle /human control algorithms for
military systems performance enhancements.
         - Validate fundamental powertrain component models for
unique...

...Technology
Transfer Programs
Total 457

FY 1999 Planned Program:
- 539 - Validate state-of-the-art vehicle dynamics phenomena.
         - Optimize vehicle /human control models for off-road
scenarios.
         - Optimize fundamental powertrain characteristic
phenomena using advanced simulation...infrared
radiation.
-Investigate time-frequency nonstationary signal processing.
         -Develop ultra-wideband image formation techniques for
vehicle -mounted, forward-imaging radars.
         - Integrate and demonstrate digital optical processing
for correction of aberration and...of importance for Army

systems. These include applications for Army optical control of
microwaves, tactical wireless communications , and optical signal
processing. From a logistical point of view it is important that the...
round parachutes, and (3) two-phase fluid mixing of sloshing
fluids and their effect on vehicle stability. Improved simulation
capability (both in scale of calculations performed, and time to
completion). New...to explain large, fluctuating sound energy in
shadow zones to enhance acoustic detection of unseen vehicle movement.
- Developed a computationally economic, fast Floquest theory for
efficiently determining helicopter stability in forward...

...tools for improved helicopter
structures and dynamic response. This structures-focused technology
includes reductions in vehicle vibratory loads, improved vehicle
stability, advanced fatigue methodologies for metallic structures,
improved composites technology throughout the vehicle , and long-term
development of an integrated stress-strength-inspection technology.
These technologies will extend...278 Identified several dengue, Shigella
and ETEC antigens that are
candidate reagents for development of diagnostic tests .
- 825 Documented the emergence of dengue-2 virus in the Amazon region
of Peru, suggesting...

...Fever, Sandfly Fever and hantavirus related illness.
- 177 Identify and characterize potential components of future
 diagnostic tests for hepatitis E.
- 227 Identify genes from antibiotic-resistant scrub typhus to
develop and define...

...mechanisms of antibiotic
resistance.
- 133 Identify and characterize Leishmania antigens and PCR primer
sequences for diagnostic test development.
- 127 Analyze specificity of bactericidal antibodies induced in
animals and humans by a NOMV...gambiae in Kenya. Identify
genes or antigens that could be used in development of a diagnostic
 test for detection of pathogens in vectors. Develop a PCR assay to
detect the organism carried...

...development of a hand-held system for far-forward diagnosis of
infectious diseases. Develop rapid diagnostic tests for far-forward
diagnosis of enteric pathogens directly from stool specimens.
- 838 Identify and characterize...non-linear, hysteretic response of
deformable soils to transient loadings resulting from high-speed
curvilinear vehicle maneuver; defining the constitutive behavior and
penetration mechanics (including plastic deformation and microfracture
mechanics) associated...

...pavement materials.
            - Conduct soil tests in centrifuge to collect patterns
of soil response to wheeled vehicle loadings..
- 46 - Small Business Innovative Research/Small Business Technology
Transfer Programs
Total 1822

FY 1999...techniques for
distributive interactive simulation and for combat planning and
operations; to support unmanned/autonomous vehicle navigation using
sensor enhanced dynamic data bases; and to explore the potential of
space technology...

   2/3,KWIC/5   (Item 3 from file: 388)
DIALOG(R)File 388:PEDS: Defense Program Summaries

DERWENT-ACC-NO: 2003-707227
DERWENT-WEEK: 200367
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TITLE: Service providing method in wireless communication system, involves transmitting created template to service framework which responds to service requesting entity by comparing received template and existing service objects

INVENTOR: BHASKARAN, P; CLAYTON, M ; LIU, K M ; SMITH, M ; WEISSHAAR, B

PATENT-ASSIGNEE: MOTOROLA INC (MOTI)

PRIORITY-DATA: 2000US-0662307 (September 15, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6580916 B1	June 17, 2003		029	H04M011/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6580916B1	September 15, 2000	2000US-0662307	

INT-CL (IPC): H04 B 15/00; H04 M 11/00; H04 Q 7/20

ABSTRACTED-PUB-NO: US 6580916B
BASIC-ABSTRACT:

NOVELTY - A service requesting entity (268) creates a template describing the attributes of requested remote service, and transmits the created template to a service framework through an external interface (270). The service framework returns a null or requested service objects to the service requesting entity after comparing the received template and existing service objects.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) communication system; and

(2) communication platform.

USE - In wireless communication system for accessing information such as advertisement, and for providing services such as concierge services providing roadside assistance, emergency calling, remote-door unlocking, accident reporting, travel conditions, vehicle security, stolen vehicle recovery, remote vehicle diagnostics, advertising services identifying name and locations of businesses such as gas stations, restaurants, hotels, stores and offices, tourist services such as points of interests, directions and hours of access to user nodes such as cellular or personal communication service (PCS) telephone, pager, hand-held computing device such as personal digital assistant (PDA) or web appliance or any other type of communication and/or computing device. Also for telecommunication, broadband communication, entertainment, television, radio, recorded music, movies, computer-based games, Internet and other types of public, private, personal, commercial, government and military communication.

ADVANTAGE - Provides an innovative way to implement dynamic networking for managing

distributed and transient services. Offers a high degree of security. Eliminates the dynamic downloading of the service code and its execution in the client. The asymmetric look up/advertising/discovery of services increases client privacy. Communication is minimized between wireless client and server for administrative functions by eliminating downloading of service code, eliminating object serialization and remote method invocation (RMI), performing just-in-time look ups and batching look up requests. Conserves the memory of client platform and bandwidth resources by not connecting with services that do not satisfy service requesting entity's request.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of information appliance system.

service requesting entity 268

external interface 270

ABSTRACTED-PUB-NO: US 6580916B
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.7/12

DERWENT-CLASS: W01
EPI-CODES: W01-B05A1A; W01-C05B5C;

L5: Entry 2 of 3   File: DWPI   Mar 21, 2002

DERWENT-ACC-NO: 2002-404883
DERWENT-WEEK: 200251
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TITLE: Remote service providing method for vehicle based information appliance such as car radio, involves using service framework to represent requested remote service as local service on client platform only by local proxy

INVENTOR: BHASKARAN, P; CLAYTON, M ; LIU, K M ; SMITH, M ; WEISSHAAR, B

PATENT-ASSIGNEE: MOTOROLA INC (MOTI)

PRIORITY-DATA: 2000US-0663278 (September 15, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200223924 A2	March 21, 2002	E	059	H04Q007/00
AU 200192673 A	March 26, 2002		000	H04Q007/00

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW
MZ NL OA PT SD SE SL SZ TR TZ UG ZW

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 200223924A2	September 14, 2001	2001WO-US28815	
AU 200192673A	September 14, 2001	2001AU-0092673	
AU 200192673A		WO 200223924	Based on

INT-CL (IPC): H04 Q 7/00

ABSTRACTED-PUB-NO: WO 200223924A
BASIC-ABSTRACT:

NOVELTY - A client platform (200) includes a service requesting entity or a service framework (235) for requesting a remote service from a remote communication node. The service framework represents the requested remote service on the client platform as a local service only by a local proxy containing the remote service front end.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Recorded medium storing remote service providing program;

(b) Communication platform;

(c) Communication system

USE - For providing remote services such as roadside assistance, emergency calling, remote door unlocking, accident reporting, travel conditions, vehicle security, stolen vehicle recovery, remote vehicle diagnostics and advertising services such as name and locations of gas stations, restaurants, hotels, stores, and offices and

tourist services such as point of interest, directions, hours of access and other services such as entertainment, weather, navigation, stock, traffic, news, music, movies, computer based games from internet, public, private and Government computer based networks to wireless communication such as cellular telephone, pager, PDA, personal communication service (PCS) in vehicles such as car, truck, bus, train, aircraft, boat and in house, office, school and commercial establishment, and for vehicle based information appliance such as car radio and in distributed wireless information appliance system, etc.

ADVANTAGE - The complexities for applications to interact with remote servers are eliminated, by connecting the remote services through the use of local proxy which represents a remote service as a local service. Enables both short range and long range bidirectional and unidirectional communication links. As the dynamic downloading of service code is avoided, high degree of security is assured. Communication is minimized between the wireless client and server, by eliminating downloading of the service code.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the client platform.

Client platform 200

Service framework 235

ABSTRACTED-PUB-NO: WO 200223924A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.5/12

DERWENT-CLASS: T01 W01
EPI-CODES: T01-M06A1A; W01-B05; W01-C01D3C;

☐ | Generate Collection | | Print |

L5: Entry 3 of 3   File: DWPI   May 20, 2003

DERWENT-ACC-NO: 1998-461981
DERWENT-WEEK: 200336
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TITLE: Automatic failure condition inspection apparatus employing wireless
communication for vehicle - collects diagnostic data from several senses and
transmits them to diagnostic unit through wireless communication unit which
diagnosis abnormality in vehicle based on received diagnostic data

INVENTOR: TANAKA, R

PATENT-ASSIGNEE: HARNESS SOGO GIJUTSU KENKYUSHO KK (HARNN), SUMITOMO DENSO KK
(SUME), SUMITOMO ELECTRIC IND CO (SUME), TANAKA R (TANAI), AUTONETWORKS TECHNOLOGIES
LTD (AUTON), SUMITOMO ELECTRIC IND LTD (SUME), SUMITOMO WIRING SYSTEMS LTD (SUME)

PRIORITY-DATA: 1997JP-0001390 (January 8, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6567730 B2	May 20, 2003		000	H04Q009/00
JP 10194095 A	July 28, 1998		011	B60S005/00
US 20020082755 A1	June 27, 2002		000	G01M017/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6567730B2	December 30, 1997	1997US-0000545	CIP of
US 6567730B2	February 9, 2000	2000US-0501107	CIP of
US 6567730B2	August 13, 2001	2001US-0928888	
JP 10194095A	January 8, 1997	1997JP-0001390	
US20020082755A1	December 30, 1997	1997US-0000545	CIP of
US20020082755A1	February 9, 2000	2000US-0501107	CIP of
US20020082755A1	August 13, 2001	2001US-0928888	

INT-CL (IPC): B60 R 16/02; B60 S 5/00; G01 M 17/00; G01 M 17/007; G05 B 15/02; G06 F
19/00; H04 L 12/40; H04 Q 9/00

ABSTRACTED-PUB-NO: JP 10194095A
BASIC-ABSTRACT:

The apparatus has collection unit (12) which collects diagnostic data related to a
vehicle from several senses (11a- 11e) installed in the vehicle. The collected data
is transmitted to external vehicle diagnosis unit (A1) by a communication unit (14)
through a public network (A3).

A control unit (13) controls the operation of data collection unit and the wireless
communication unit. A diagnosis unit (A2) installed at a central location, diagnoses
the abnormalities in the vehicle on receiving the diagnostic data.

ADVANTAGE - Enables diagnosing fault in vehicle from remote place. Reduces required
labour for inspection. Avoids necessity of driving vehicle to service station during
emergencies. Reduces queueing time, travelling time. Economises expenditure such as

technical fees, wage

ABSTRACTED-PUB-NO: US20020082755A
EQUIVALENT-ABSTRACTS:

The apparatus has collection unit (12) which collects diagnostic data related to a vehicle from several senses (11a- 11e) installed in the vehicle. The collected data is transmitted to external vehicle diagnosis unit (A1) by a communication unit (14) through a public network (A3).

A control unit (13) controls the operation of data collection unit and the wireless communication unit. A diagnosis unit (A2) installed at a central location, diagnoses the abnormalities in the vehicle on receiving the diagnostic data.

ADVANTAGE - Enables diagnosing fault in vehicle from remote place. Reduces required labour for inspection. Avoids necessity of driving vehicle to service station during emergencies. Reduces queueing time, travelling time. Economises expenditure such as technical fees, wage.

CHOSEN-DRAWING: Dwg.1/9

DERWENT-CLASS: Q17 S02 W01 W05
EPI-CODES: S02-J02; S02-K08A; W01-A06B1; W05-D;